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| Under the Paperwork Reduction Act of 1995.   | o persons are required<br>Application | Mumbor   | of information unless 10/786,475   | s it displa  | vs a valid OMB control number.   |  |
| TRANSMITTAL  | Filing Date                           | 2  | 24 February 2004   |  |  |  |
| FORM   | First Name                            | ed Inventor  | Konvicka, Karel  |  |  |  |
| (to be used for all correspondence after initial fil   | · —                                   |  | 2857   |  |  |  |
|  | Examiner                              | Name   |  |  |  |  |
| Total Number of Pages in This Submission   | Attomey D                             | ocket Number   | 100/1046-20  |  |  |  |
|  | ENCLOSURES                            | (Check all that a  | apply)   |  |  |  |
| Fee Transmittal Form  Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts  under 37 CFR 1.52 or 1.53 |                                       | onvert to a<br>pplication<br>omey, Revocation<br>orrespondence Addres<br>claimer<br>Refund | to T Approf A Approf (Api Appr | echnological Corpeal Not prietary tus Lett er Enclontify bel | osure(s) (please<br>ow):<br>B<br>leferences                                |  |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT   |                                       |  |  |  |  |  |
| Firm Deana A. Arnold, Ph.D. (Reg. No. 52,567)  |                                       |  |  |  |  |  |
| Individual name  |                                       |  |  |  |  |  |
| Signature Vana Omas  |                                       |  |  |  |  |  |
| Date July 12, 2006   |                                       |  |  |  |  |  |
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| Typed or printed name  Deana A. Arnold, Ph.D.  |                                       |  |  |  |  |  |
| Signature Dean   | a De                                  |  |  | Date   | July 12, 2006  |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signed:

Deana A. Arnold, Ph.D.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KONVICKA, KAREL, et al.

Application No.: 10/786,475

Filed: February 24, 2004

For: Improvements to Analysis Methods for

Individual Genotyping

Examiner:

Art Unit: 2857

Confirmation No.: 9333

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR

§1.97 AND §1.98

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on the attached form PTO/SB/08B are being called to the attention of the Examiner. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement

and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

| ⊠<br>apply): | This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that: |                                |   |  |  |  |
|--------------|---|--------------------------------|---|--|--|--|
|              |   | (1)                            | It is being filed within 3 month than a continued prosecution a OR  | s of the application filing date and is other pplication under § 1.53(d) |  |  |
|              |   | (2)                            | It is being filed within 3 month  | s of entry of a national stage   |  |  |
|              |   | (3)                            | It is being filed before the mail merits OR   | date of the first Office Action on the                                   |  |  |
|              |   | (4)                            |   | ing of a first Office Action after the filing nination under § 1.114.    |  |  |
| ×            | referen   | ced fees                       | tion. The Commissioner is hereby authorized to charge the aboves of \$0 and charge any additional fees or credit any overpayment associated munication to Deposit Account No. 50-2043 (Docket No. 100/1046-20). |  |  |  |
|              |   |                                |   | Respectfully submitted,  |  |  |
|              |   |                                |   | Respectionly submitted,  |  |  |
|              |   |                                |   | PERLEGEN SCIENCES, INC.  |  |  |
| Dated:       | Jal   | <sup>)</sup> g [Z <sub>j</sub> | . 2006 By:  | Deana A. Arnold, Ph.D., Reg. No. 52,567                                  |  |  |
|              |   | •                              |   | Dealla 11. 1111010, 111.D., 10g. 140. 32,30                              |  |  |

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|-----------------------------------|----------|----------------------|-----------------|------------------------|-------------------|--|--|
|                                   |          | Application Number   | 10/786,475      |                        |                   |  |  |
| INF                               | ORMATION | DIS                  | CLOSURE         | Filing Date            | February 24, 2004 |  |  |
| STATEMENT BY APPLICANT            |          | First Named Inventor | Konvicka, Karel |                        |                   |  |  |
|                                   |          |                      |                 | Art Unit               | 2857              |  |  |
| (Use as many sheets as necessary) |          |                      | ecessary)       | Examiner Name          |                   |  |  |
| Sheet                             | 1        | of                   | 1               | Attorney Docket Number | 100/1046-20       |  |  |

|                    |                          | NON PATENT LITERATURE DOCUMENTS   |                |
|--------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                    | 1.                       | Excoffier, et al. Maximum-Likelihood Estimation of Molecular Haplotype Frequencies in a Diploid Population. Mol. Biol. Evol. (1995) 12(5):921-927.  |                |
|                    | 2.                       | Geever, et al. Direct Identification of sickle cell anemia by blot hybridization. Proc. Natl. Acad. Sci. USA (1981) 78(8):5081-5085.  |                |
|                    | 3.                       | Niu, et al. Bayesian Haplotype Inference for Multiple Linked Single-Nucleotide Polymorphisms. Am. J. Hum. Genet. (2002) 70:157-169.   |                |
|                    | 4.                       | Anderson, et al. Global Approaches to Quantitative Analysis of Gene-Expression Patterns Observed by Use of Two-Dimensional Gel Electrophoresis. Clin. Chem. (1984) 30(12):2031-2036.  |                |
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|-----------|------|------------|--|
| Examiner  |      | Date       |  |
| Signature | 0    | Considered |  |

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